

ABSTRACT OF THE DISCLOSURE

5 The present invention is to provide a dust-proof filter apparatus comprising a C-shaped pleated body which is formed by a upper base plate, at least one connection bond, and a lower base plate, at least one filter which is arranged into the body, and at least one elastic buckle assembly which consists of a clasp element and an interlocking opening. The clasp element and the interlocking opening are, respectively, located in the surface of the opening end of the body. By using the elastic buckle assembly, the filter can be fastened and loosened conveniently. In addition, the dust-proof filter apparatus can be mounted into a conditioner or cooling system to provide the fresh air.